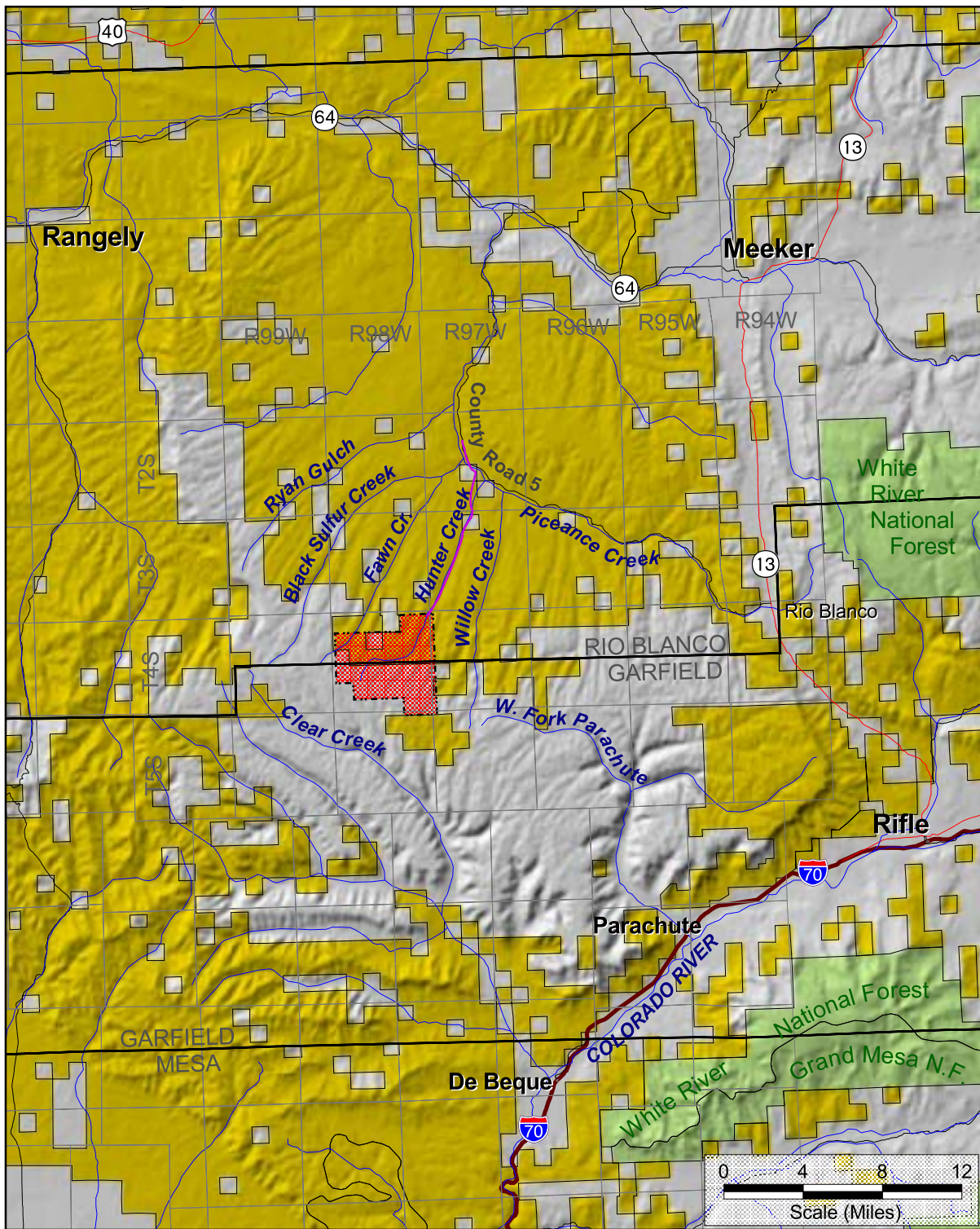


Figure 1-1. General Location of the Figure Four Project Area in Northwest Colorado



- Figure Four Well Field Boundary
- Bureau of Land Management Lands
- Forest Service Lands

- Private Lands
- Gas Pipeline



Figure 2-1. Location Map of the Figure Four Project Area

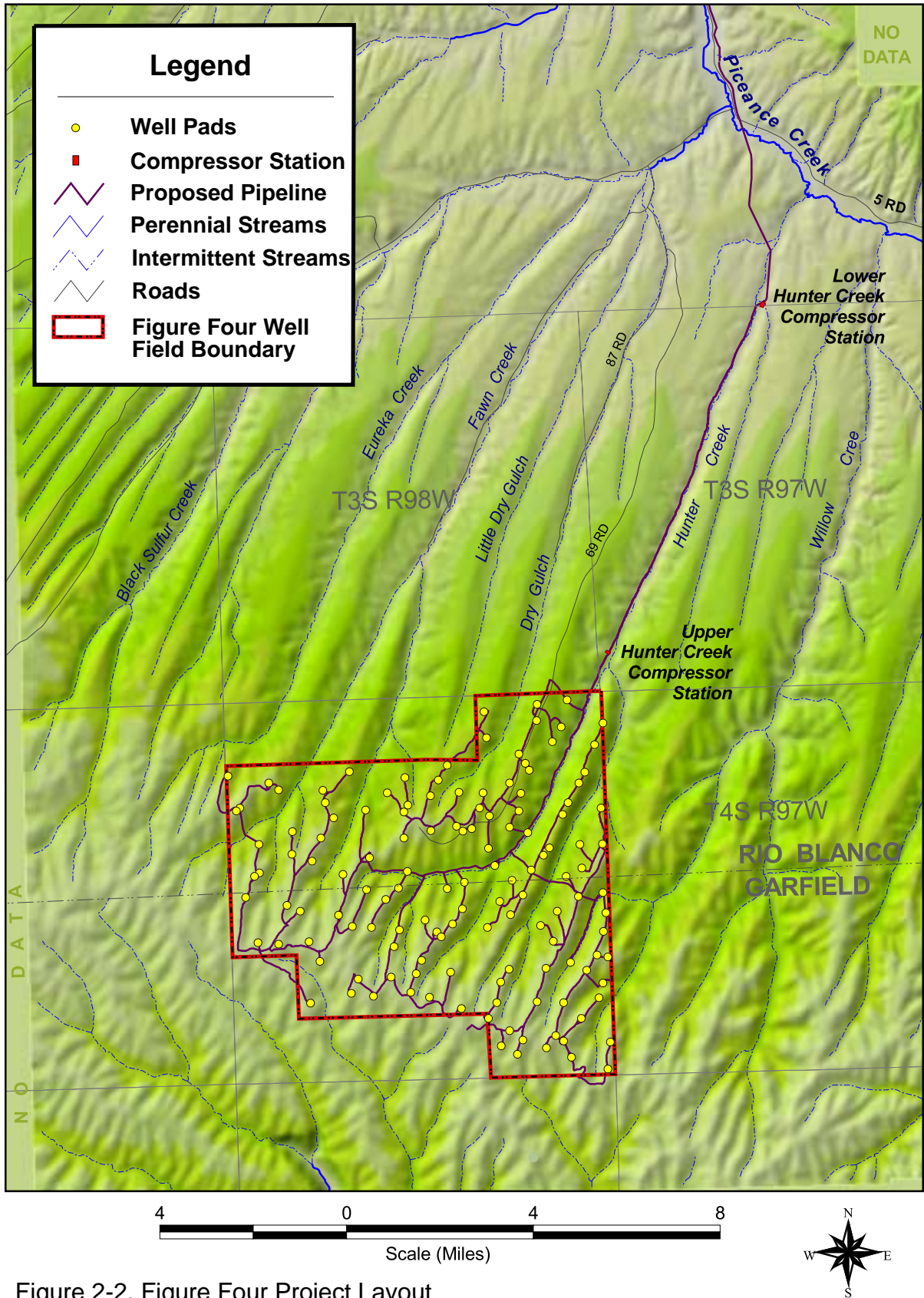


Figure 2-2. Figure Four Project Layout

EnCana OIL & GAS (USA) INC.

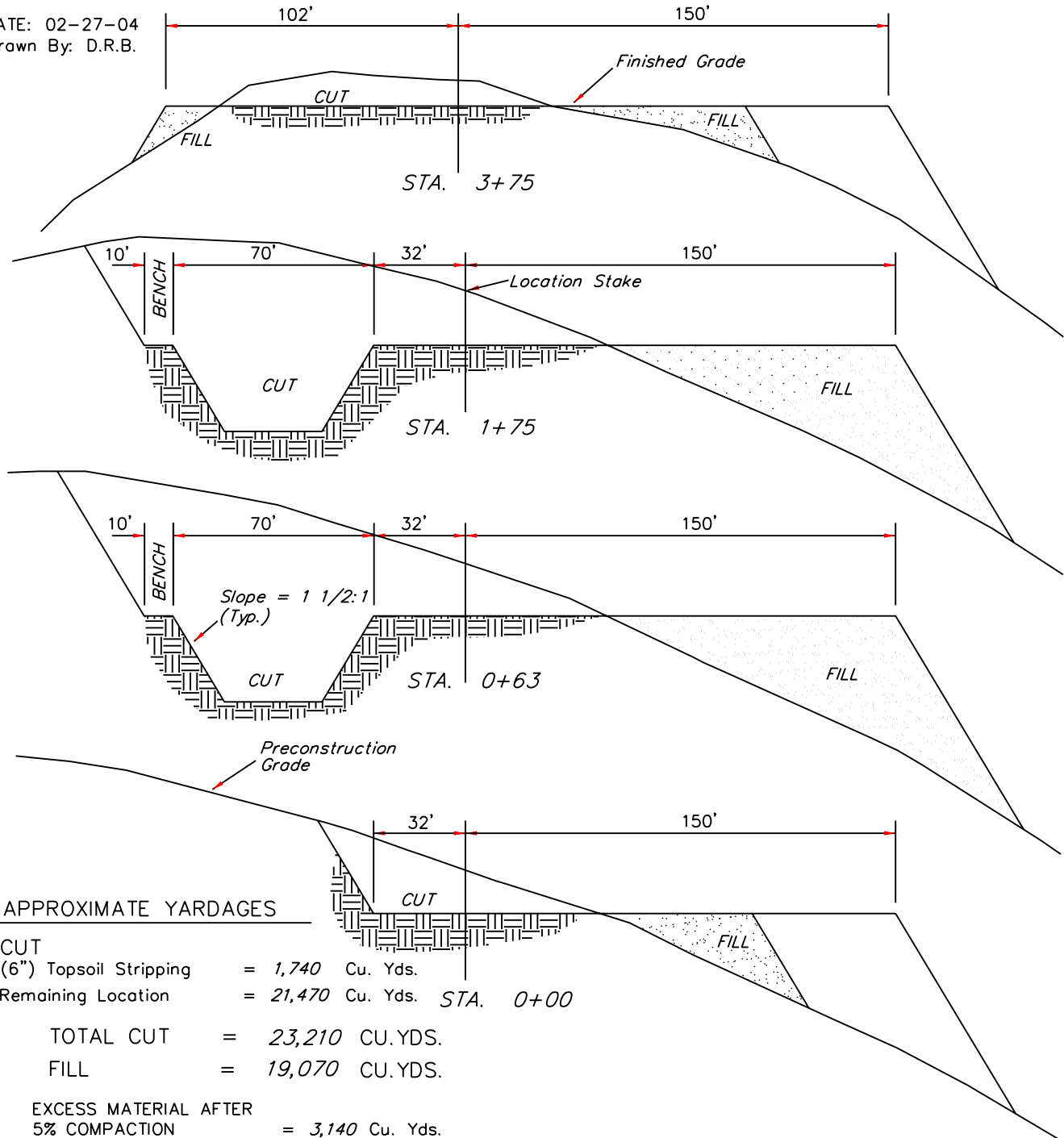
TYPICAL CROSS SECTIONS FOR

PAD #30

SECTION 11, T4S, R98W, 6th P.M.

SW 1/4 SW 1/4

DATE: 02-27-04
Drawn By: D.R.B.



APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	= 1,740	Cu. Yds.
Remaining Location	= 21,470	Cu. Yds.
	STA. 0+00	
TOTAL CUT	= 23,210	CU.YDS.
FILL	= 19,070	CU.YDS.
EXCESS MATERIAL AFTER 5% COMPACTION	= 3,140	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,140	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0	Cu. Yds.

FIGURE FOUR NATURAL GAS PROJECT
ENVIRONMENTAL ASSESSMENT

FIGURE 2-3. CROSS SECTIONAL VIEW OF
A TYPICAL WELL PAD WITH CUT AND FILL

EnCana OIL & GAS (USA) INC.

LOCATION LAYOUT FOR

PAD #30
SECTION 11, T4S, R98W, 6th P.M.
SW 1/4 SW 1/4
Topsoil Stockpile

DATE: 02-27-04
Drawn By: D.R.B.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

Approx.
Top of
Cut Slope

El. 8012.0'
C-25.7'
(btm. pit)

Reserve Pit Backfill
& Spoils Stockpile

NOTE:

Total Pit Capacity
W/2' of Freeboard
= 10,640 Bbls. ±
Total Pit Volume
= 2,810 Cu. Yds.

El. 8016.5'
C-30.2'
(btm. pit)

NOTES:

Elev. Ungraded Ground At Loc. Stake = 8005.9'
FINISHED GRADE ELEV. AT LOC. STAKE = 7998.3'

Approx.
Toe of
Fill Slope

Sta. 3+75

C-3.5'
El. 8001.8'

C-10.5'
El. 8008.8'

C-7.6'
El. 8005.9'

C-11.0'
El. 8009.3'

Sta. 0+63

C-6.0'
El. 8004.3'

Sta. 0+00

Round Corners
as Needed

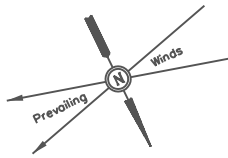
Proposed Access
Road

FIGURE FOUR NATURAL GAS PROJECT
ENVIRONMENTAL ASSESSMENT

FIGURE 2-4a. PLAN VIEW OF A TYPICAL
WELL PAD LAYOUT

LOCATION LAYOUT FOR

SECTION 16, T4S, R98W, 6th P.M.
NE 1/4 NE 1/4



DATE: 12-18-03
Drawn By: D.R.B.

Note: Flare Pit is to be located a min. of 100' from the Well Head.

Approx. Toe of Fill Slope

Round Corner as Needed

Topsoil Stockpile

Existing Road

Proposed Access Road

Approx. Top of Cut Slope

Reserve Pit Backfill & Spoils Stockpile

RESERVE PITS (12' Deep)

Total Pit Capacity
1 1/2" of Freeboard
= 41,780 Bbls. ±
Total Pit Volume
= 10,840 Cu. Yds.

DRILL PITS (8' Deep)

Total Pit Capacity
= 4,000 Bbls. ±
Total Pit Volume
= 1,000 Cu. Yds.

15' WIDE BENCH

Sta. 0+15

Sta. 1+03

Sta. 2+65

Sta. 5+20

Labels for pits and stockpiles include:
F-5.2' El. 189.4'
F-1.4' El. 193.2'
F-13.2' El. 181.4'
F-33.3' El. 161.3'
F-6.2' El. 188.4'
C-5.6' El. 200.2'
C-5.3' El. 199.9' (Blm. Pit)
C-6.2' El. 200.8'
C-6.8' El. 201.4'
C-7.8' El. 202.4'
C-9.0' El. 203.6'
C-18.9' El. 205.5' (Blm. Pit)
C-11.5' El. 206.1'
F-9.9' El. 184.7'
C-21.7' El. 204.51' (Blm. Pit)
F-14.7' El. 179.9'
F-16.7' El. 177.9'
C-0.4' El. 195.0' (Anchor (17m))
C-0.7' El. 195.3'
C-0.9' El. 195.5'
C-1.1' El. 195.7'
C-1.5' El. 196.1'
C-5.3' El. 199.9'
C-8.0' El. 202.6'
F-4.1' El. 190.5'
F-14.7' El. 179.9'

Contour lines are labeled with elevations such as 8182, 8184, 8186, 8188, 8190, 8192, 8194, 8196, 8198, 8200, 8202, 8204, 8206, 8208, 8210, 8212, 8214, 8216, 8218, 8220, 8222, 8224, 8226, 8228, 8230, 8232, 8234, 8236, 8238, 8240, 8242, 8244, 8246, 8248, 8250, 8252, 8254, 8256, 8258, 8260, 8262, 8264, 8266, 8268, 8270, 8272, 8274, 8276, 8278, 8280, 8282, 8284, 8286, 8288, 8290, 8292, 8294, 8296, 8298, 8300, 8302, 8304, 8306, 8308, 8310, 8312, 8314, 8316, 8318, 8320, 8322, 8324, 8326, 8328, 8330, 8332, 8334, 8336, 8338, 8340, 8342, 8344, 8346, 8348, 8350, 8352, 8354, 8356, 8358, 8360, 8362, 8364, 8366, 8368, 8370, 8372, 8374, 8376, 8378, 8380, 8382, 8384, 8386, 8388, 8390, 8392, 8394, 8396, 8398, 8400, 8402, 8404, 8406, 8408, 8410, 8412, 8414, 8416, 8418, 8420, 8422, 8424, 8426, 8428, 8430, 8432, 8434, 8436, 8438, 8440, 8442, 8444, 8446, 8448, 8450, 8452, 8454, 8456, 8458, 8460, 8462, 8464, 8466, 8468, 8470, 8472, 8474, 8476, 8478, 8480, 8482, 8484, 8486, 8488, 8490, 8492, 8494, 8496, 8498, 8500, 8502, 8504, 8506, 8508, 8510, 8512, 8514, 8516, 8518, 8520, 8522, 8524, 8526, 8528, 8530, 8532, 8534, 8536, 8538, 8540, 8542, 8544, 8546, 8548, 8550, 8552, 8554, 8556, 8558, 8560, 8562, 8564, 8566, 8568, 8570, 8572, 8574, 8576, 8578, 8580, 8582, 8584, 8586, 8588, 8590, 8592, 8594, 8596, 8598, 8600, 8602, 8604, 8606, 8608, 8610, 8612, 8614, 8616, 8618, 8620, 8622, 8624, 8626, 8628, 8630, 8632, 8634, 8636, 8638, 8640, 8642, 8644, 8646, 8648, 8650, 8652, 8654, 8656, 8658, 8660, 8662, 8664, 8666, 8668, 8670, 8672, 8674, 8676, 8678, 8680, 8682, 8684, 8686, 8688, 8690, 8692, 8694, 8696, 8698, 8700, 8702, 8704, 8706, 8708, 8710, 8712, 8714, 8716, 8718, 8720, 8722, 8724, 8726, 8728, 8730, 8732, 8734, 8736, 8738, 8740, 8742, 8744, 8746, 8748, 8750, 8752, 8754, 8756, 8758, 8760, 8762, 8764, 8766, 8768, 8770, 8772, 8774, 8776, 8778, 8780, 8782, 8784, 8786, 8788, 8790, 8792, 8794, 8796, 8798, 8800, 8802, 8804, 8806, 8808, 8810, 8812, 8814, 8816, 8818, 8820, 8822, 8824, 8826, 8828, 8830, 8832, 8834, 8836, 8838, 8840, 8842, 8844, 8846, 8848, 8850, 8852, 8854, 8856, 8858, 8860, 8862, 8864, 8866, 8868, 8870, 8872, 8874, 8876, 8878, 8880, 8882, 8884, 8886, 8888, 8890, 8892, 8894, 8896, 8898, 8900, 8902, 8904, 8906, 8908, 8910, 8912, 8914, 8916, 8918, 8920, 8922, 8924, 8926, 8928, 8930, 8932, 8934, 8936, 8938, 8940, 8942, 8944, 8946, 8948, 8950, 8952, 8954, 8956, 8958, 8960, 8962, 8964, 8966, 8968, 8970, 8972, 8974, 8976, 8978, 8980, 8982, 8984, 8986, 8988, 8990, 8992, 8994, 8996, 8998, 9000, 9002, 9004, 9006, 9008, 9010, 9012, 9014, 9016, 9018, 9020, 9022, 9024, 9026, 9028, 9030, 9032, 9034, 9036, 9038, 9040, 9042, 9044, 9046, 9048, 9050, 9052, 9054, 9056, 9058, 9060, 9062, 9064, 9066, 9068, 9070, 9072, 9074, 9076, 9078, 9080, 9082, 9084, 9086, 9088, 9090, 9092, 9094, 9096, 9098, 9100, 9102, 9104, 9106, 9108, 9110, 9112, 9114, 9116, 9118, 9120, 9122, 9124, 9126, 9128, 9130, 9132, 9134, 9136, 9138, 9140, 9142, 9144, 9146, 9148, 9150, 9152, 9154, 9156, 9158, 9160, 9162, 9164, 9166, 9168, 9170, 9172, 9174, 9176, 9178, 9180, 9182, 9184, 9186, 9188, 9190, 9192, 9194, 9196, 9198, 9200, 9202, 9204, 9206, 9208, 9210, 9212, 9214, 9216, 9218, 9220, 9222, 9224, 9226, 9228, 9230, 9

Elev. Ungraded Ground At #1 Loc. Stake = 8196.1'
FINISHED GRADE ELEV. AT #1 LOC. STAKE = 8194.6'

FIGURE 2-4b. PLAN VIEW OF A TYPICAL WELL PAD LAYOUT

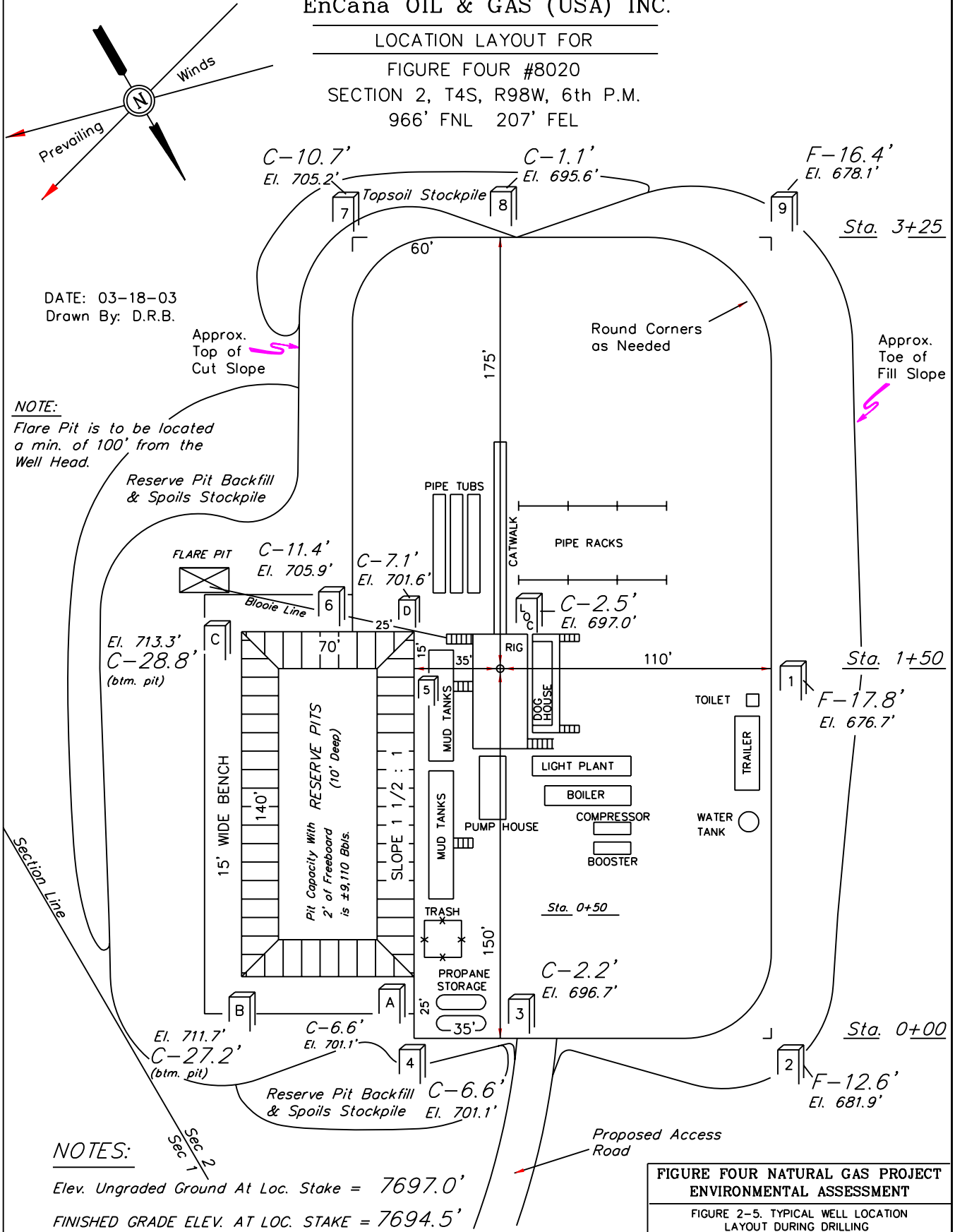
EnCana OIL & GAS (USA) INC.

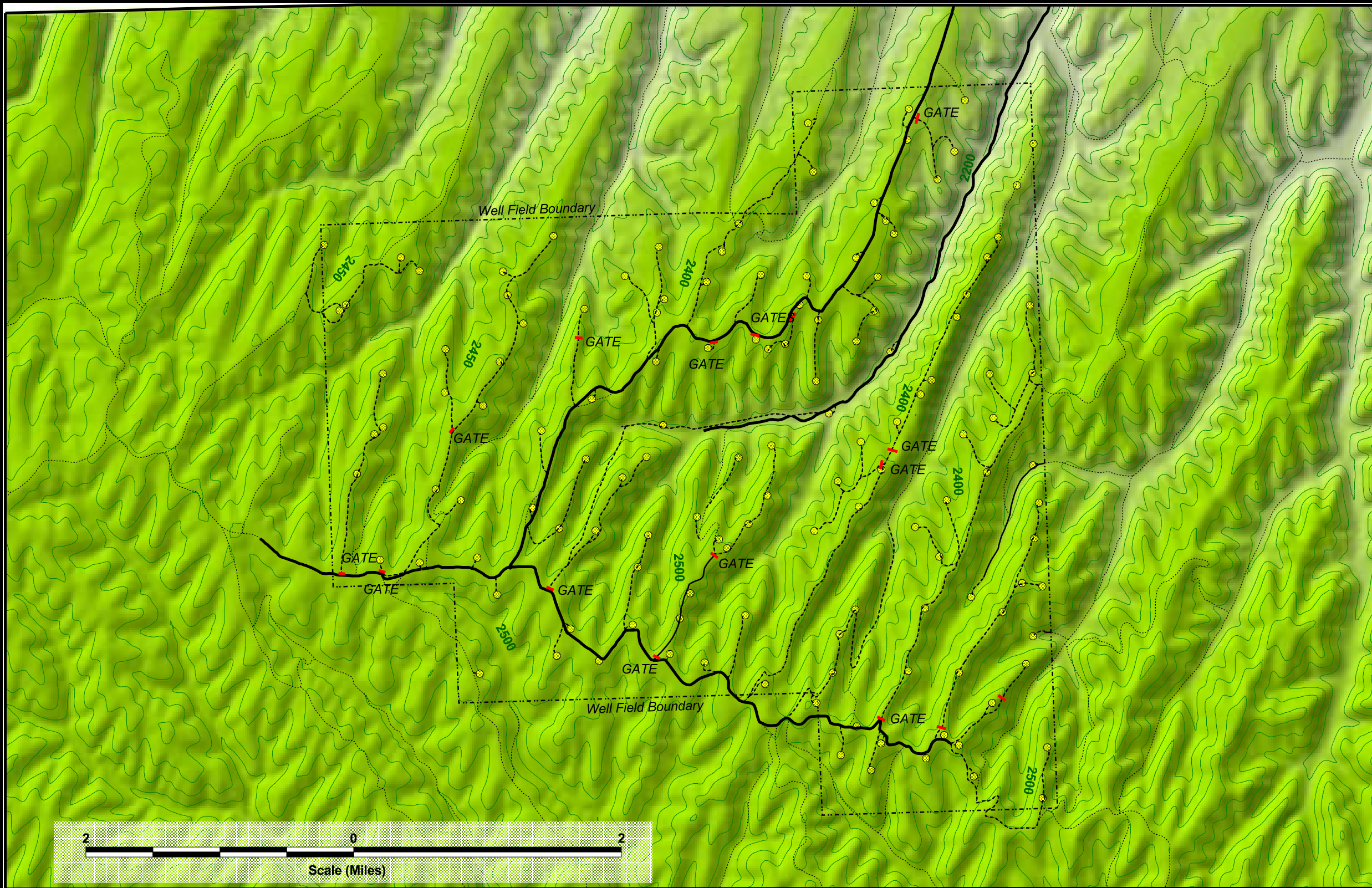
LOCATION LAYOUT FOR

FIGURE FOUR #8020

SECTION 2, T4S, R98W, 6th P.M.

966' FNL 207' FEL



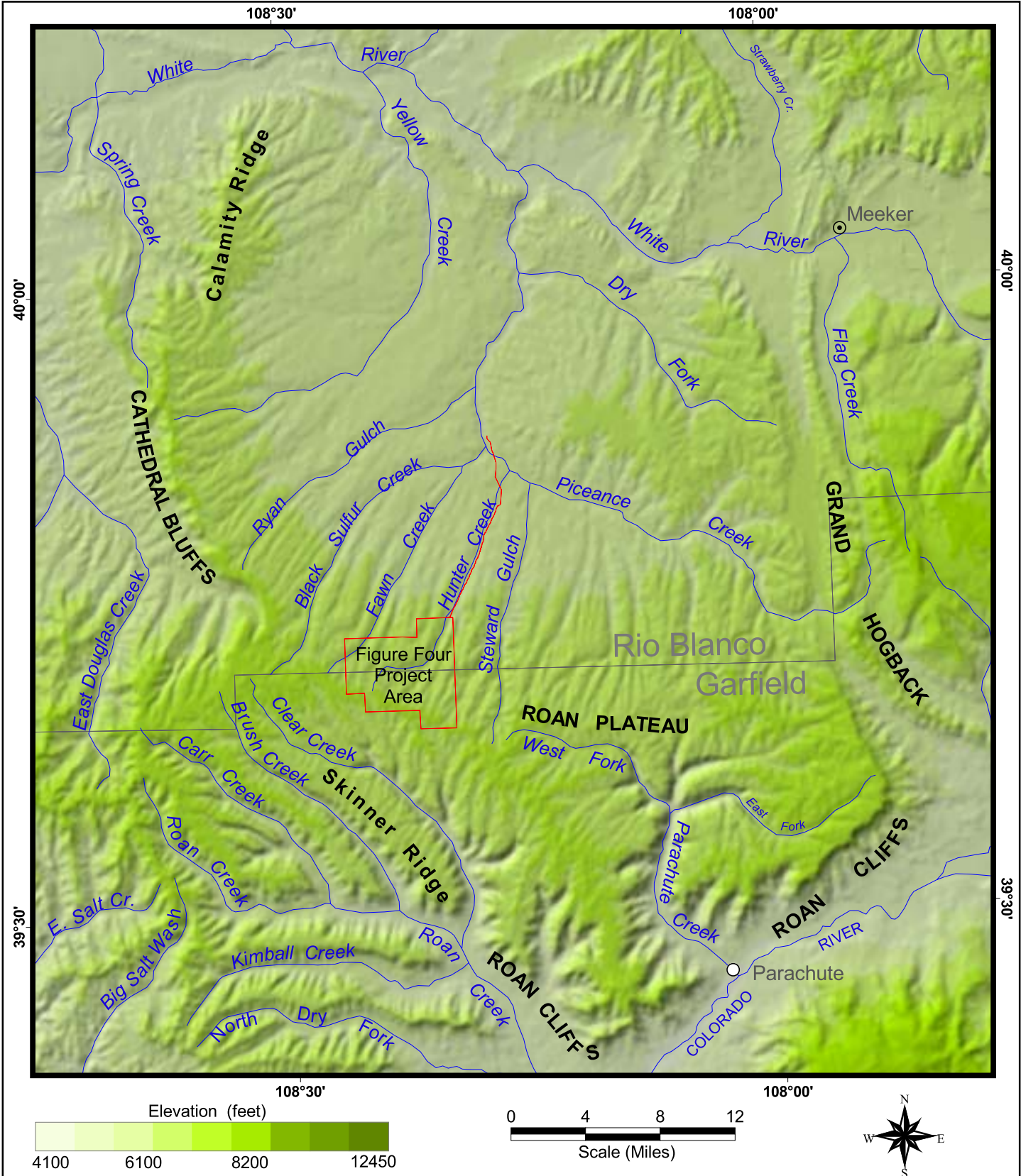


Proposed Figure Four Access Road Network

- Existing main access road (no upgrade necessary)
- Existing roads to be upgraded
- New access roads
- Existing Roads
- Proposed gate locations
- Proposed Well Pad Locations
- 50 meter contour intervals



Figure 2-6. Proposed Figure Four Access Road Network



Era	System	Series	Stratigraphic Unit	Unit Thickness (feet)	Physical Description	Hydro-geologic Unit	Saturated Thickness (feet)	Hydrologic Characteristics
Cenozoic	Tertiary	Eocene	Uinta Formation	0-1,400	Silty sandstone, siltstone and marlstone	Upper Piceance Basin Aquifer		Conductivity range <0.2 to >1.6 ft/day; yield 1 to 900 gpm; transmissivity 610-770 ft ² /day Conductivity range <0.1 to >1.2 ft/day; yield 1 to 1,000 gpm; transmissivity 260-380 ft ² /d
			Green River Formation	As much as 5,000	<i>Parachute Creek Member</i> keragenous, dolomitic marlstone and shale 500-1,800 ft	Mahogany confining unit		
					<i>Anvil Points Member</i> shale, fine-grained sandstone and marlstone 0-1,870 ft	Lower Piceance Basin Aquifer		
					<i>Garden Gulch Member</i> claystone, siltstone, clay-rich oil shale and marlstone 0-900 ft <i>Douglas Creek Member</i> siltstone, shale and channel sandstone 0-900 ft	Confining Unit		
		Paleocene	Wasatch Formation	About 5,000	Shale and lenticular sandstone			
			Fort Union Formation	Very Thin	Coarse-grained sandstone	Fort Union aquifer		
Mesozoic	Cretaceous	Upper Cretaceous	Mesaverde Group	Averages 3,000 may be >7,000	Fox-Hills Sandstone, Lewis Shale, Williams Fork Formation, Iles Formation: sandstone interbedded shale and coal	Mesaverde aquifer	<500-2,000	
			Mancos Shale	More than 7,000	Mainly shale but Frontier Sandstone may be local aquifer	Mancos confining unit		

Figure 3-2. Hydrostratigraphic Column for the Piceance Basin

**Soils Map for the
Figure Four Project
Area**

- Existing Roads
- Proposed Roads
- Proposed Pipelines
- Proposed Well Pads
- Well Field Boundary

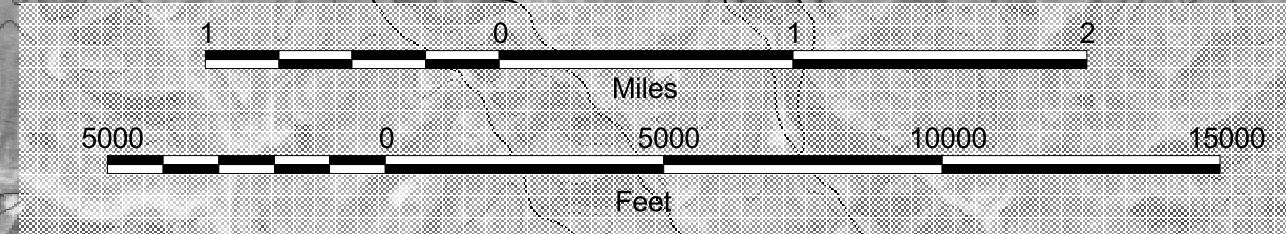


Figure 3-3. Soils in the Figure Four Project Area

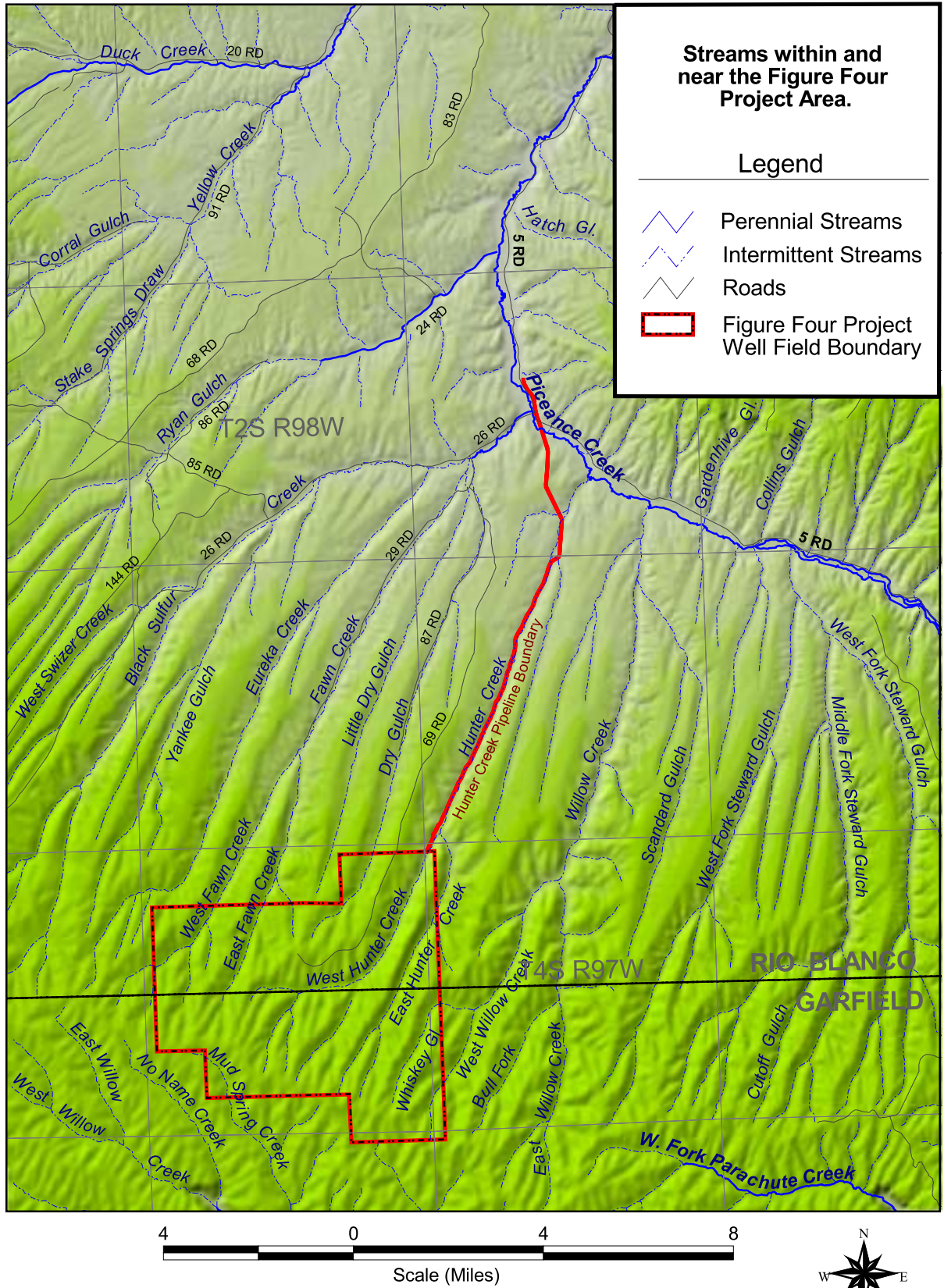
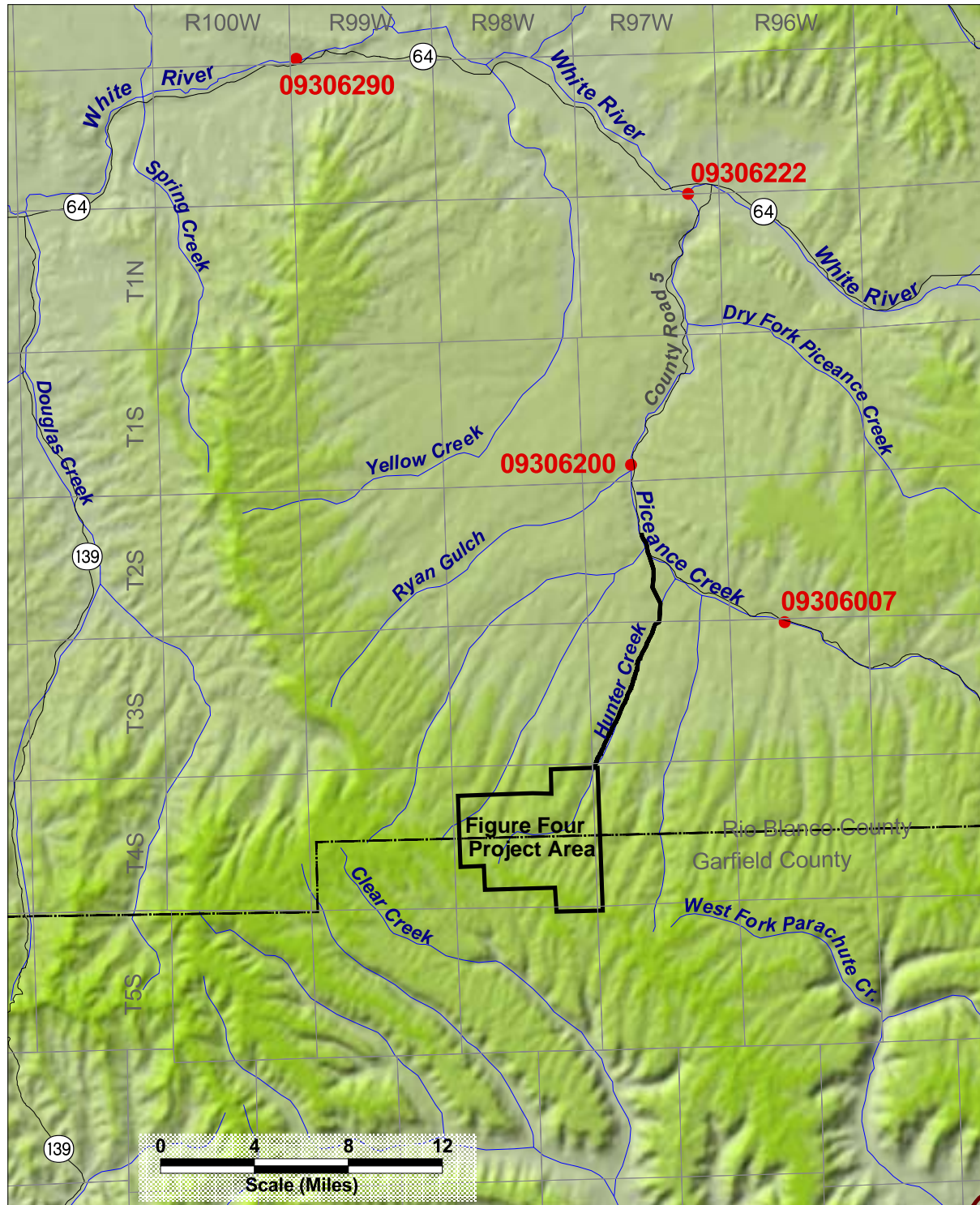


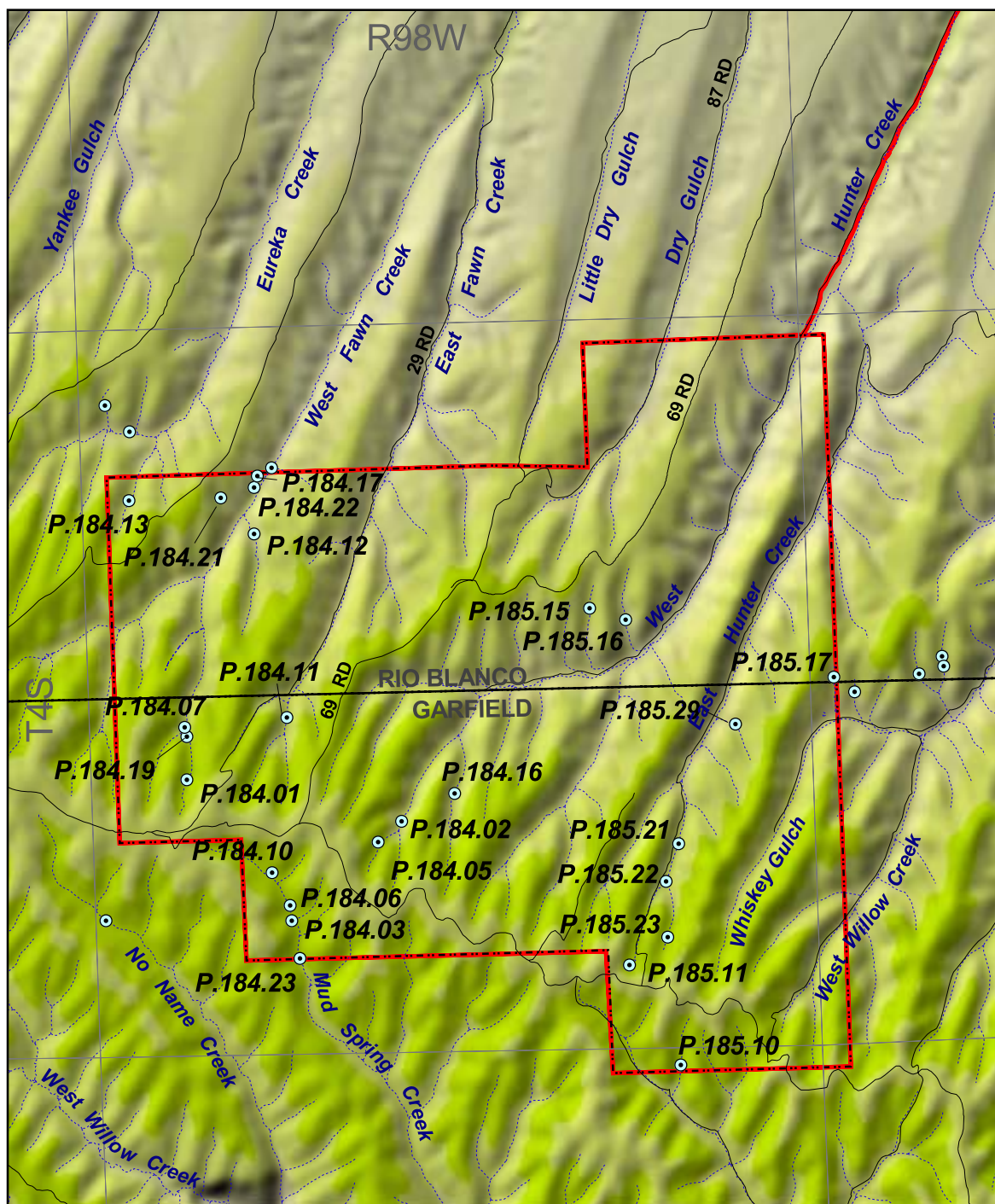
Figure 3-4. Streams within and near the Figure Four Project Area



● USGS Gaging Stations	ID Number	Location
	09306290	White River Below Boise Creek
	09306222	Piceance Creek at White River
	09306200	Piceance Creek Below Ryan Gulch
	09306007	Piceance Creek Below Rio Blanco



Figure 3-5. Location of USGS Gaging Stations



1 0 1 2

Scale (Miles)



Figure Four Project Area Boundary

Roads



Springs

Drainages (intermittent)



Figure 3-6. Springs in the Figure Four Project Area

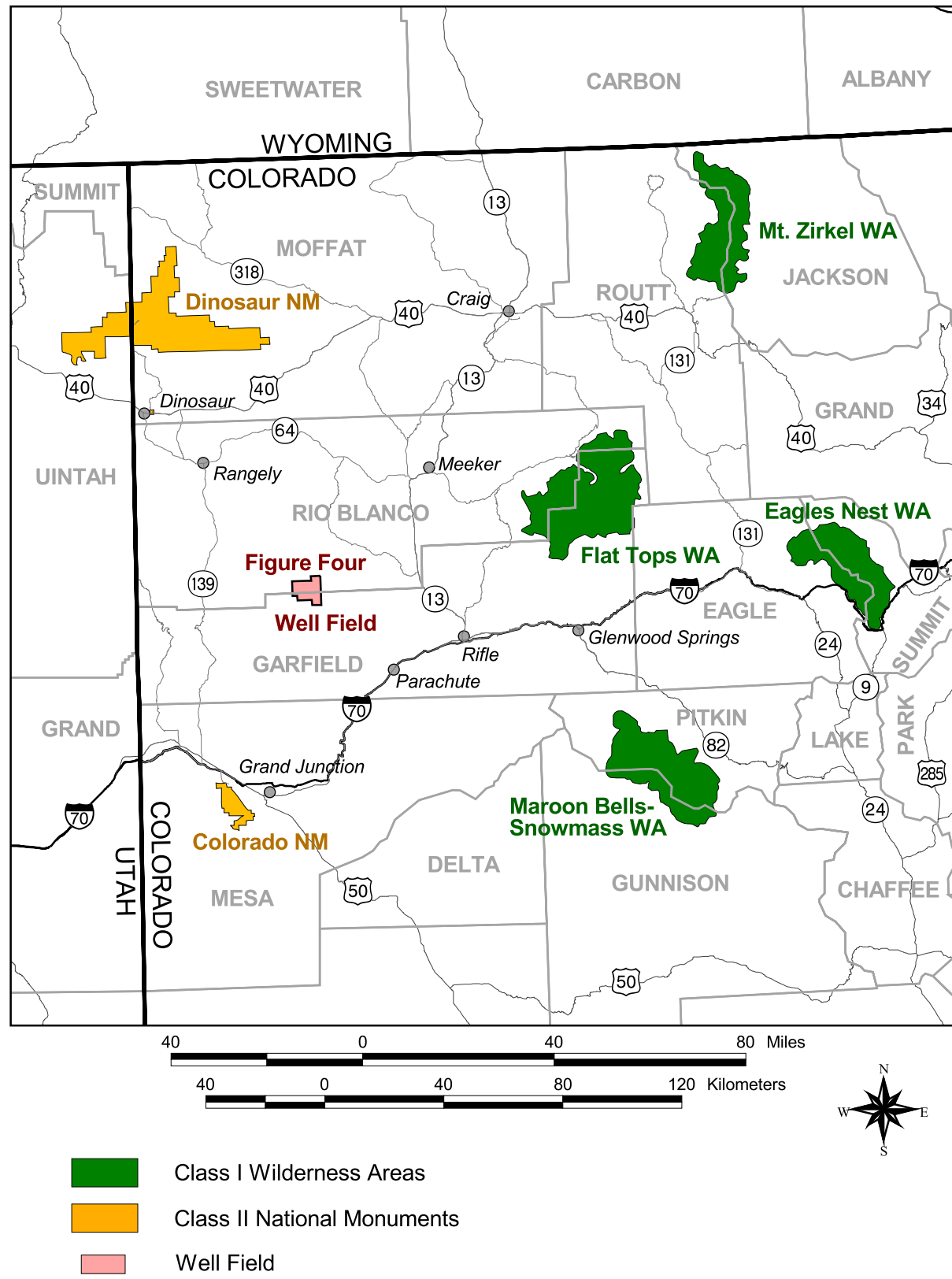
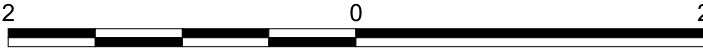
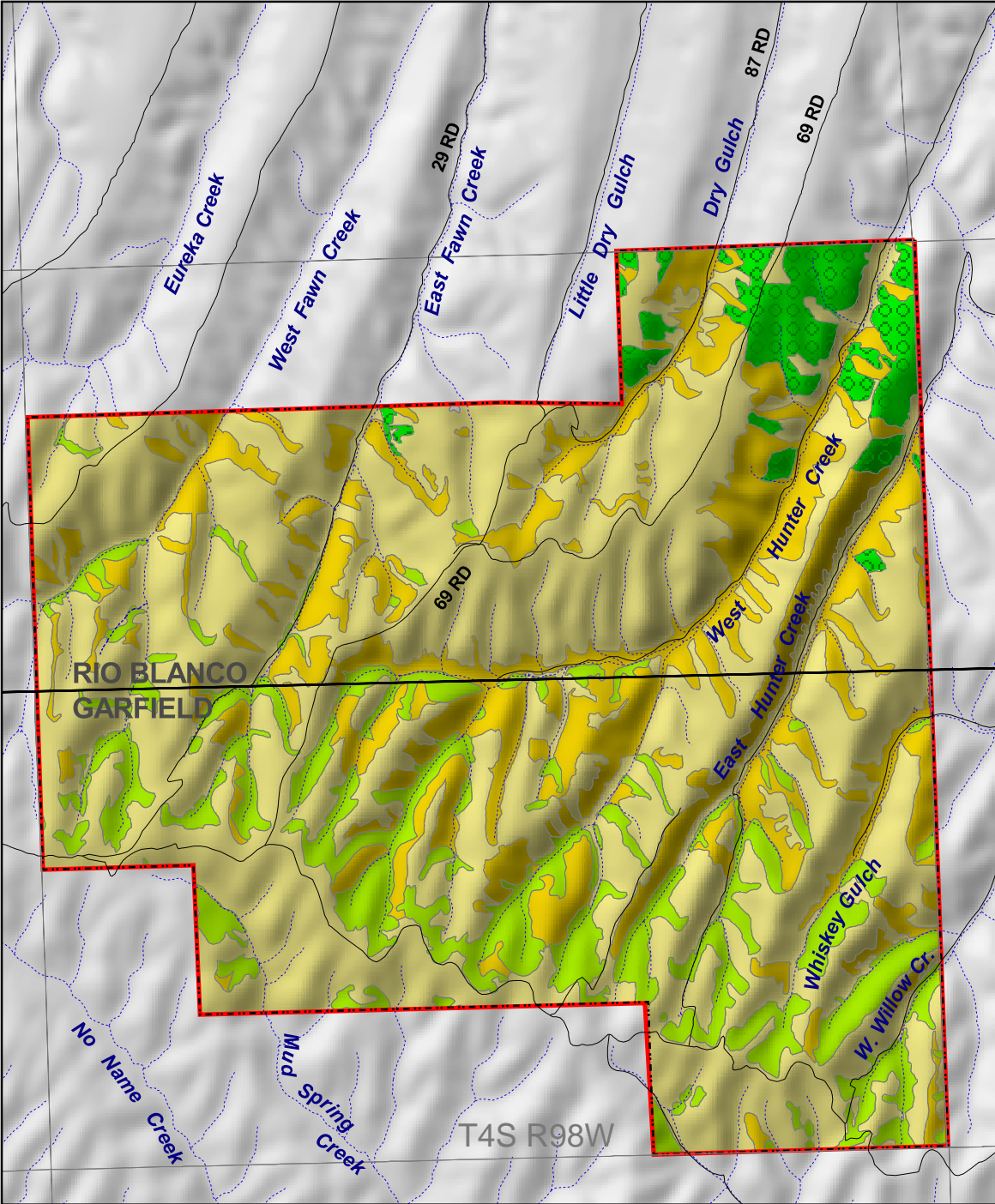


Figure 3-7. Location of Class I Wilderness and Class II Monument Areas



Scale (Miles)

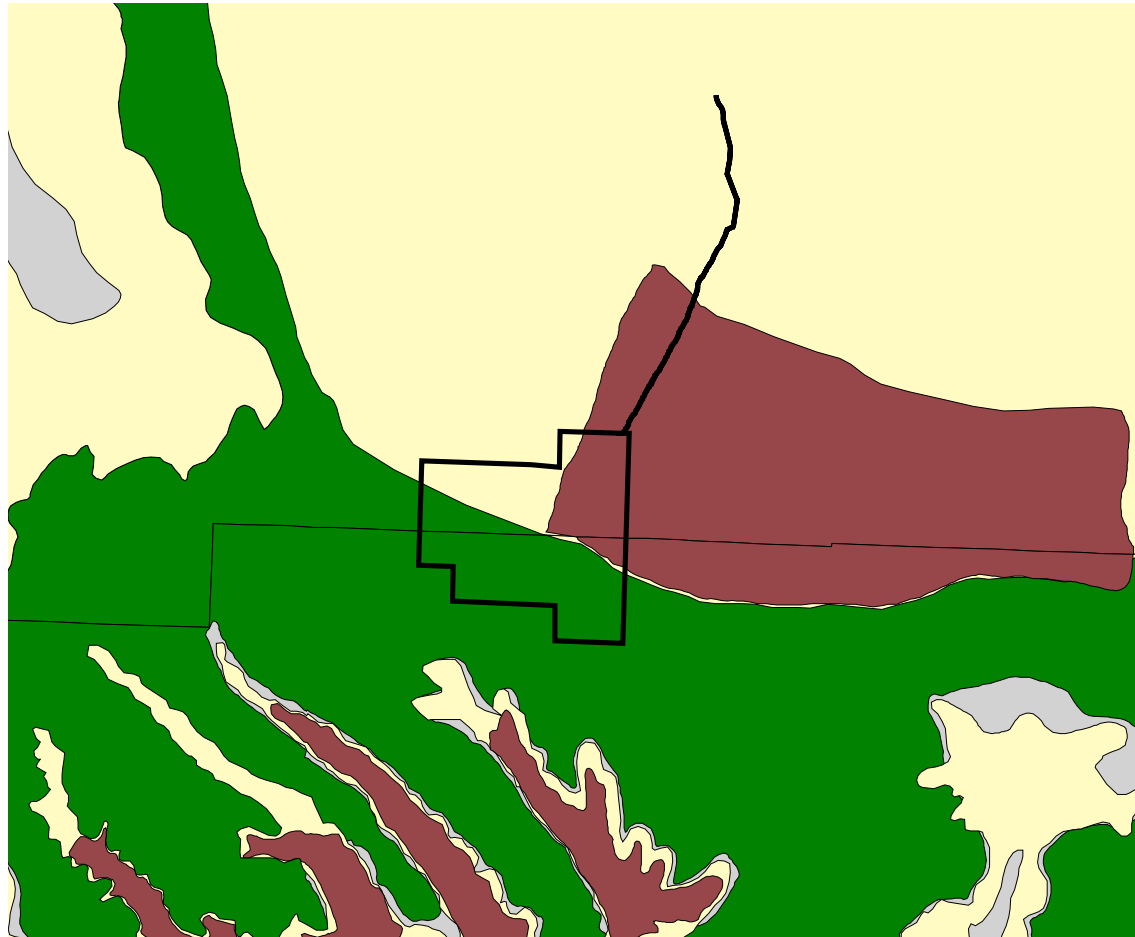
- | | |
|--|---|
|  Sagebrush Steppe |  Mountain Shrub |
|  Aspen Woodland |  Pinyon-Juniper Woodland |






Figure 3-8. Dominant Vegetation Communities Within the Project Area (BLM, 2003)

Elk Activity Areas

Figure Four Project Area



Legend

-  Figure Four PA
-  Elk Winter Conc Areas
-  Elk Winter Range
-  Elk Summer Range
-  Elk Overall Range



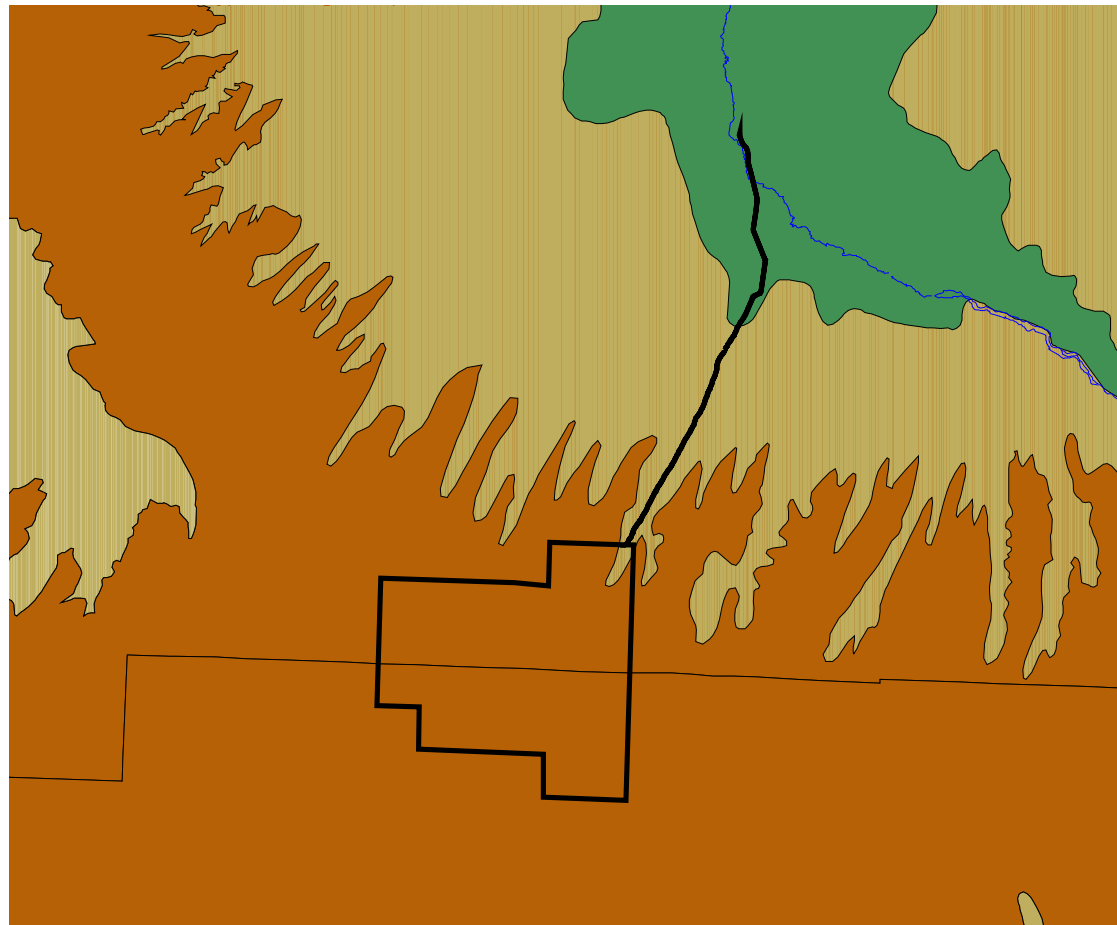
0 10 Miles

Figure 3-9. Elk Activity Areas






Prepared By
Buys & Associates

Mule Deer Activity Areas

Figure Four Project Area



Legend

-  Figure Four PA
-  Piceance Creek
-  Severe Winter Range
-  Winter Range
-  Summer Range



0 7 Miles

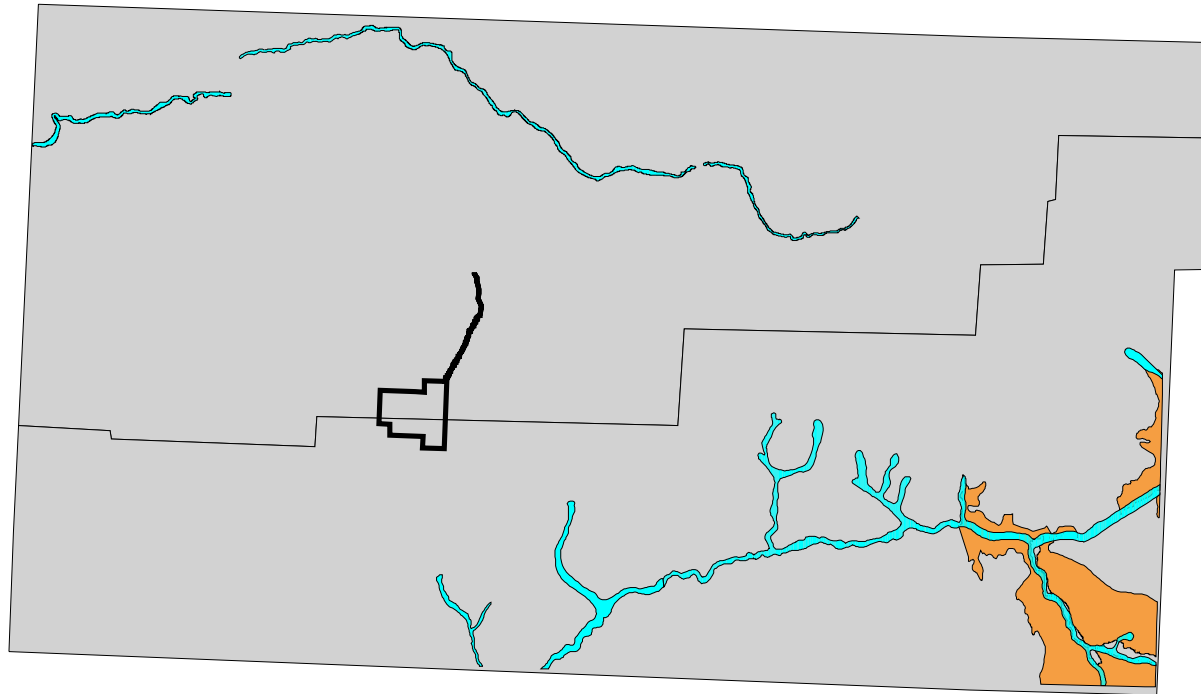


Figure 3-10. Mule Deer Activity Areas

Prepared By
Buys & Associates

Bald Eagle Activity Areas

Figure Four Project Area



Legend

-  Figure Four PA
-  Bald Eagle Winter Range
-  Bald Eagle Winter Forage
-  Counties



0 30 Miles

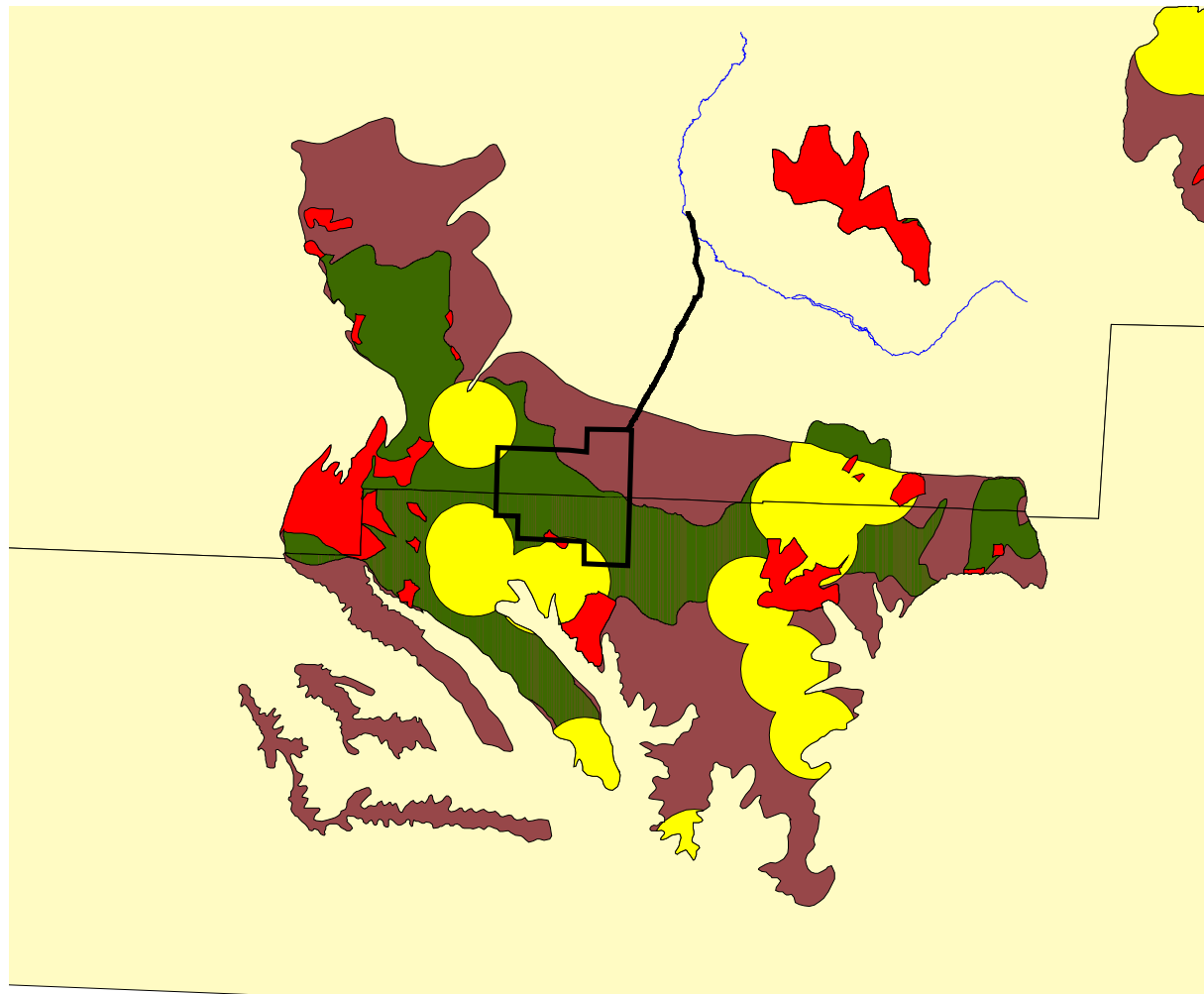
A horizontal scale bar with a black line and white ends, indicating a distance of 30 miles.

Figure 3-11. Bald Eagle Activity Areas

Prepared By
Buys & Associates

Sage Grouse Activity Areas

Figure Four Project Area



Legend

- Figure Four PA
- Piceance Creek
- Brood Areas
- Production Areas
- Winter Range
- Overall Range
- Counties



0 20 Miles

Figure 3-12. Sage Grouse Activity Areas

Prepared By
Buys & Associates

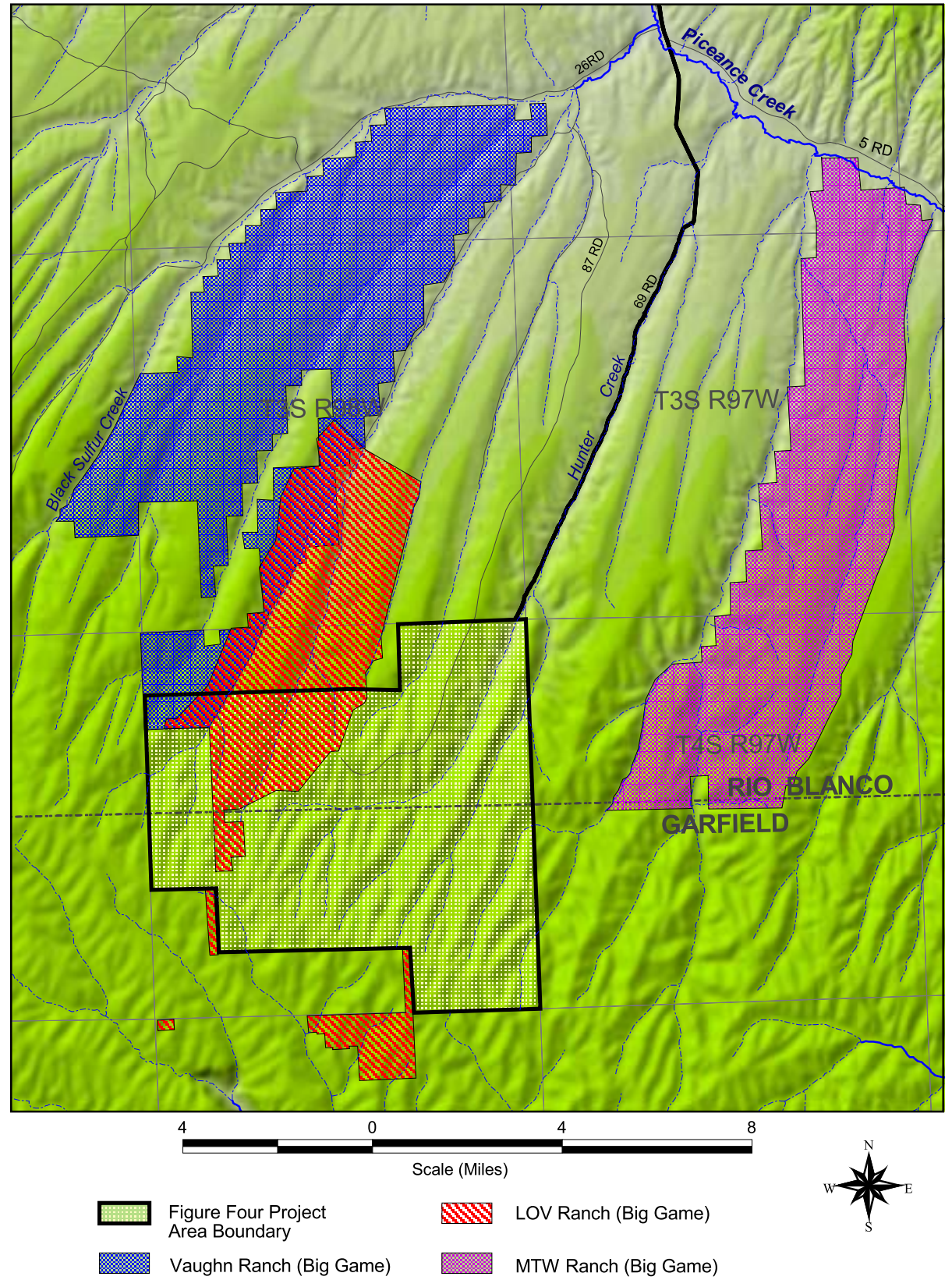


Figure 3-13. Permitted Outfitter Areas within and near the Figure Four Project Area

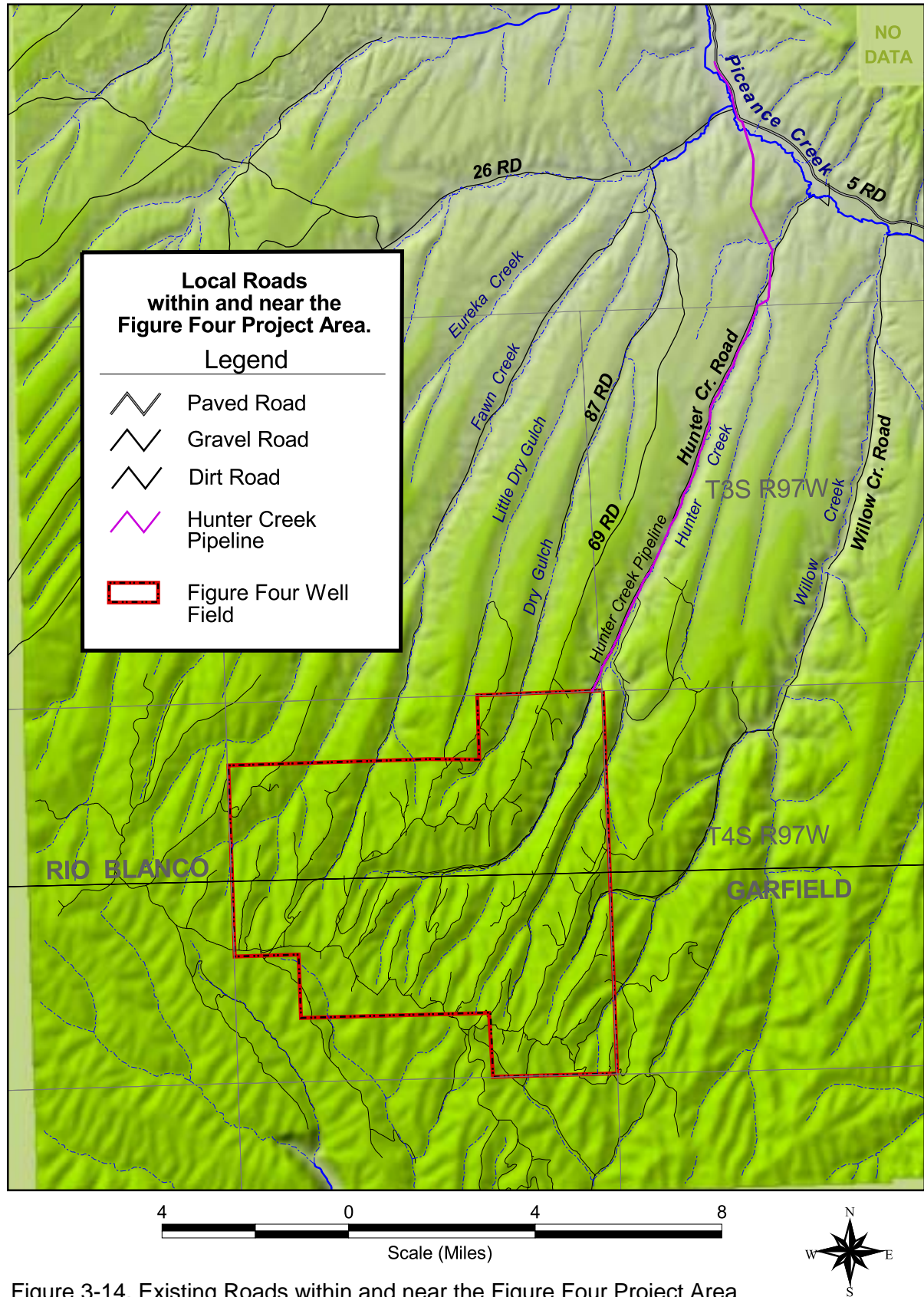


Figure 3-14. Existing Roads within and near the Figure Four Project Area

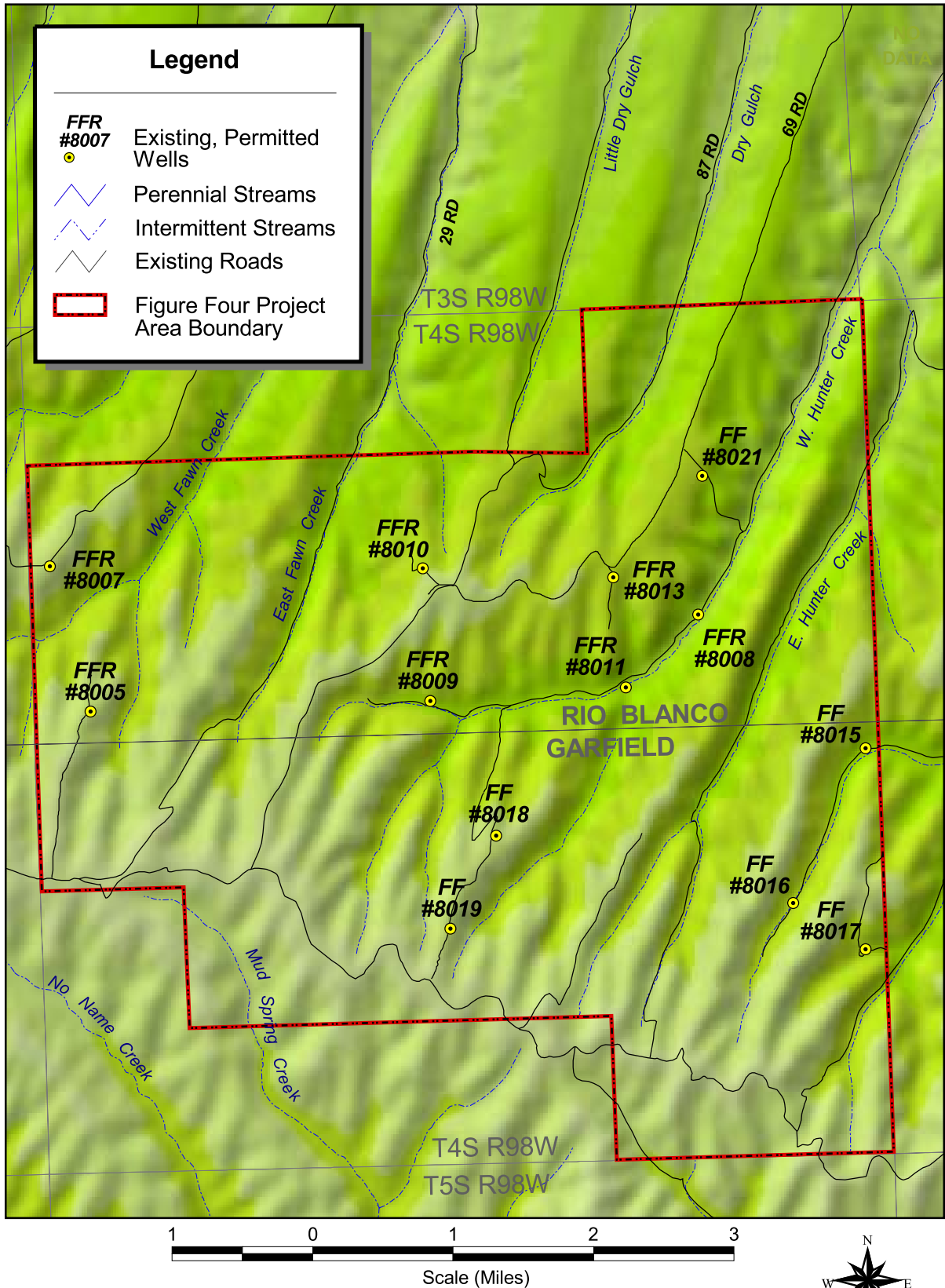
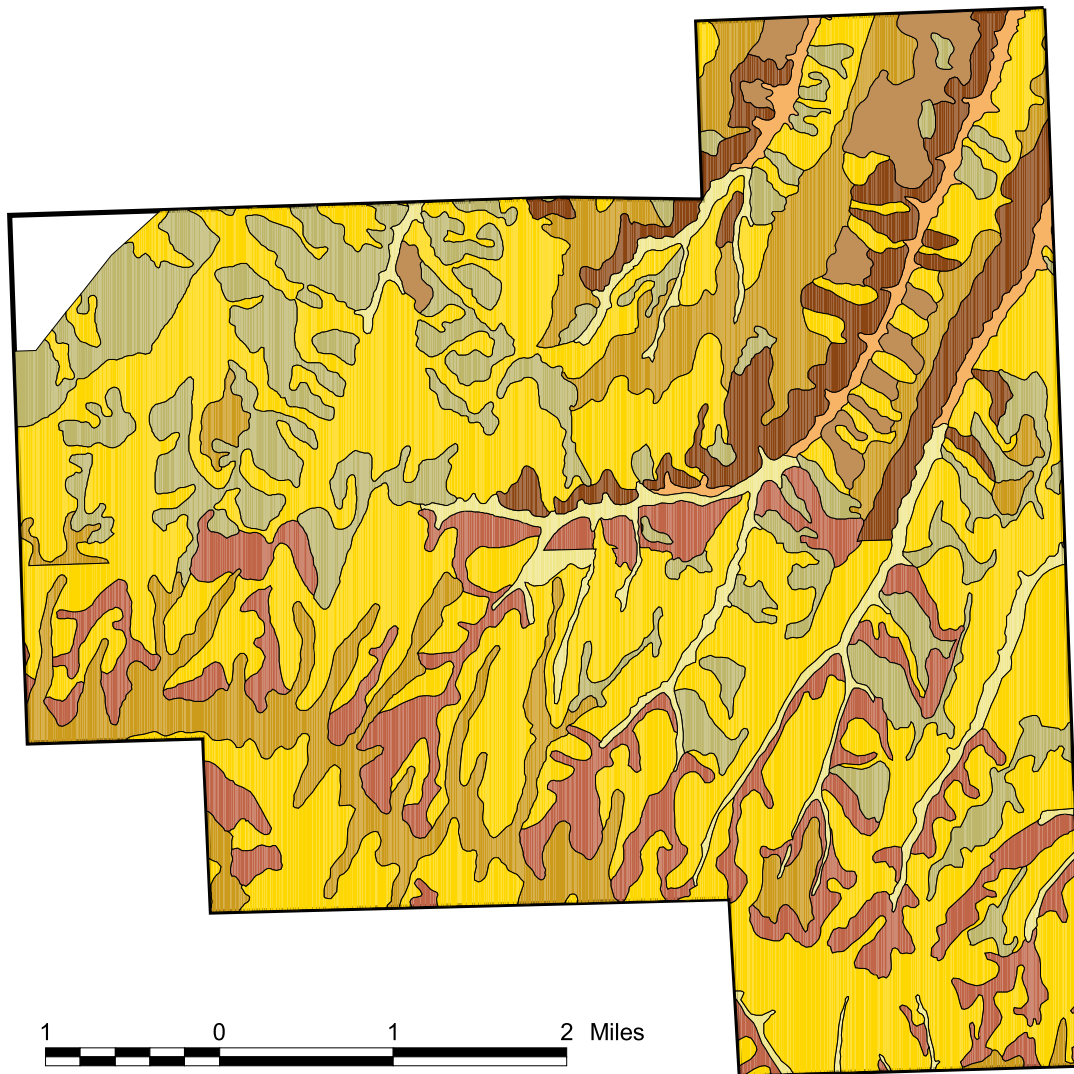


Figure 4-1. Existing Permitted Wells in the Figure Four Project Area



LEGEND

- Aspen Woodlands
- Brushy Loam
- Dry Exposure
- Foothills Swale
- Loamy Slopes/
Mountain Loam
- Mountain Swale
- Mountain Pinyon
- Pinyon-Juniper
woodlands
- Stoney Foothills



Figure 4-2. Ecological Range Sites in the Project Area